

Name \_\_\_\_\_

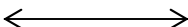
## Using the Metric System

### A. Units of Measurement

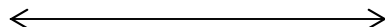
- Mass
  - Of a paperclip \_\_\_\_\_
  - Of a person \_\_\_\_\_
- Length
  - Of a book \_\_\_\_\_
  - Of a classroom \_\_\_\_\_
- Volume
  - Of water in a glass \_\_\_\_\_
  - Of water in a pool \_\_\_\_\_
  - Of a brick \_\_\_\_\_
  - Of a house \_\_\_\_\_

### B. Measuring Lines

*Measure the exact length of the following lines in centimeters:*

1. 

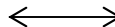
\_\_\_\_\_ cm

2. 

\_\_\_\_\_ cm

3. 

\_\_\_\_\_ cm

4. 

\_\_\_\_\_ cm

### C. Drawing Lines

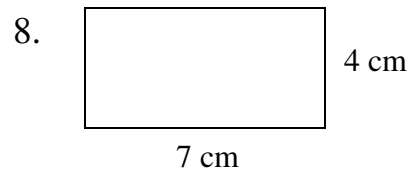
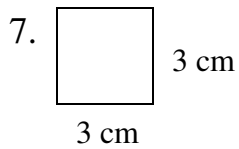
*Starting at each x, draw lines according to the following measurements:*

5. 3.7 cm                      x

6. 6.4cm                      x

### D. Calculating Area and Volume

*Calculate the area of the following (Show your work):*



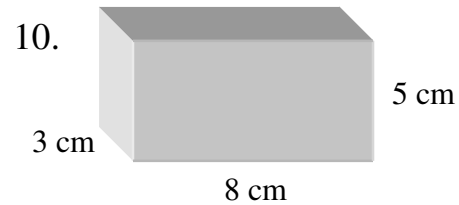
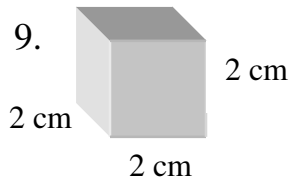
Work:

\_\_\_\_\_  $\text{cm}^2$

Work:

\_\_\_\_\_  $\text{cm}^2$

*Calculate the volume of the following (Show your work):*



Work:

\_\_\_\_\_  $\text{cm}^3$

Work:

\_\_\_\_\_  $\text{cm}^3$

## E. Rounding

*Round the following to the nearest whole number:*

11. 25.4 \_\_\_\_\_

12. 83.7 \_\_\_\_\_

13. 1.9 \_\_\_\_\_

14. 54.2 \_\_\_\_\_

15. 32.3 \_\_\_\_\_

16. 99.9 \_\_\_\_\_

*Round the following to the nearest tenth:*

17. 23.43 \_\_\_\_\_

18. 75.55 \_\_\_\_\_

19. 44.91 \_\_\_\_\_

20. 62.28 \_\_\_\_\_

21. 53.22 \_\_\_\_\_

22. 59.99 \_\_\_\_\_

*Round the following to the nearest hundredth:*

23. 52.363 \_\_\_\_\_

24. 88.967 \_\_\_\_\_

25. 11.119 \_\_\_\_\_

26. 99.599 \_\_\_\_\_

